

WELSH BOARD OF HEALTH.
RECEIVED
24 SEP 1953
A.

NANTYGLO & BLAINA

URBAN DISTRICT COUNCIL

R E P O R T
of the
MEDICAL OFFICER OF HEALTH
and
SENIOR SANITARY INSPECTOR
for the
YEAR 1952.

NANTYGLO & BLAINA URBAN DISTRICT COUNCIL, 1952.

Chairmen Councillor M. Thompson J.P. {to May 1952}
 Councillor J.H. Durban J.P. {to May 1953}

NORTH WARD Councillor W. Yemm.
 " J. H. Durban.
 " R. Gore.
 " G. James.
 " D. James.

CENTRAL WARD Councillor A. Clarke.
 " T. Rees.
 " W. H. Silk.
 " J. Jones.
 " E. Davies.

SOUTH WARD Councillor A. J. Robins.
 " F. Axford.
 " W. H. Hambleton.
 " B. Morgan.
 " H. P. Griffiths.

PUBLIC HEALTH COMMITTEE.

Chairmen Councillor B. Morgan {to May 1952}
 " R. Gore {to May 1953}

and Members of the Council.

Clerk of the Council - G. Roy Jenkins, Ll.B.

Chief Financial Officer - E. J. Helt.

Engineer & Surveyor - W. W. Outhwaite, A.M.I.C.E., M.I.Mun.E.

PUBLIC HEALTH STAFF

Medical Officer of Health - F. J. Walters Bowen.

M.B., B.Ch., B.Sc., D.P.H.

Senior Sanitary Inspector - F. D. Collier, M.R.San.I., M.S.I.A.

Additional Sanitary Inspector - D. J. Herrington.

Rodent Officer. - E. E. Wilkins.

(8) 1907

[Faint handwritten notes and a small diagram are visible at the bottom of the page.]

NANTYGLO & BLAINA URBAN DISTRICT COUNCIL, 1952.

To the Chairman and Members of the Health Committee.

I have the honour to present my Annual Report as Medical Officer of Health for the year 1952.

The tables are self explanatory.

It will be seen that once again there have been no cases of Diphtheria notified annually.

1941	-	17	1946	-	3	1951	-	0
1942	-	42	1947	-	0	1952	-	0
1943	-	7	1948	-	0			
1944	-	1	1949	-	0			
1945	-	0	1950	-	0			

These figures are proof of the efficacy of active immunisation combined with general public health measures. It is fervently hoped that similar results will be obtained with B.C.G. vaccination in the case of Tuberculosis.

Regarding Tuberculosis the Nantyglo and Blaina District is served by the Chest Clinic at Blaina Hospital held on Tuesdays. This clinic is for the clerical examination, X-raying skin testing of suspected cases and for the contacts of known cases.

All newly notified cases of Tuberculosis are visited by the Medical Officer of Health and Sanitary Inspector and a complete environmental report is sent to the County Medical Officer and the Chest Physician. Continual contact is made with the latter particularly where it is felt that bad housing conditions and other factors make it necessary for some cases to receive priority in admission to sanatoria. Where housing defects are found the Sanitary Inspector takes up the matter with the owner of such premises.

Advice is given on the Medical Officer's visit re prevention of spread of infection in the home and this is further enlarged by the visit of the Health Visitor.

The members of the household where a case has occurred are advised to attend the Chest clinic for skin test and X-ray.

The Public Health Department supplies a liberal quantity of disinfectant for use in cleaning sputum receptacles and infested linen of the patient and terminal disinfection is carried out by the Sanitary Inspector as required.

There is also the availability of skin testing of all children up to age 5 at the Infant Welfare Centres and it is hoped that in the very near future the same will be available for school children. This latter is available for school leavers and any suspicious case is referred after preliminary X-ray to the Chest Physician.

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SECTION A.

Statistics and Social Conditions of the Area.

Area of District	3,862	acres.
Estimate of Population 1921	16,453	
" " " 1931	13,190	
" " " 1941	12,440	
" " " 1945	11,410	
" " " 1947	11,460	
" " " 1948	11,410	
" " " 1949	11,490	
" " " 1950	11,500	
" " " 1951	11,340	
" " " 1952	11,290	

Number of Inhabited Houses	3,269
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Rateable value of the District	£34,601
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Sum represented by a Penny Rate	£123
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Vital Statistics.

Number of Births	209
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Legitimate Births	Boys 102	Girls 101
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Illegitimate Births	Boys 4	Girls 2
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Birth Rate per 1,000 of population	18.5
" " " " " (Mon. County)	17.17
" " " " " (England & Wales)	15.3

Number of Still Births	Boys 7	Girls 5
Still Births per 1,000 of population		1.06
" " " " " (Mon. County)		0.468
" " " " " (England & Wales)		0.35

Number of Deaths	Males 84	Females 64	148
Death Rate per 1,000 of population			13.1
" " " " " (Mon. County)			11.52
" " " " " (England & Wales)			11.3



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I N Q U E S T S

There were 7 inquests during the year.

The circumstances of the deaths are analysed and are as follows:-

	<u>Male</u>	<u>Female</u>	<u>Total</u>
1. Suicide	1	-	1
2. Various causes	1	1	2
3. Accidents	3	-	3
4. Extensive burns	-	1	1
TOTAL	5	2	7

NUMBER OF BIRTHS IN THE DISTRICT SHOWING WARD

DISTRIBUTION AND MONTH OF OCCURRENCE.

<u>MONTH</u>	Male	Female	Total	Quar- terly Births	North	Cent.	South
JANUARY	8	6	14		4	3	7
FEBRUARY	9	8	17		8	3	6
MARCH	7	11	18	49	10	3	5
APRIL	10	7	17		5	5	7
MAY	5	5	10		3	3	4
JUNE	4	6	10	37	3	4	3
JULY	8	9	17		7	8	2
AUGUST	7	5	12		8	3	1
SEPTEMBER	5	6	11	40	7	3	1
OCTOBER	10	3	13		5	7	1
NOVEMBER	5	10	15		7	2	6
DECEMBER	7	8	15	43	4	2	9
TOTAL	85	84	169	169	71	46	52

The above table does not include births at the Blaina and District Hospital which are transferable to other areas.

DEATHS FROM ALL CAUSES DURING THE YEAR 1952.

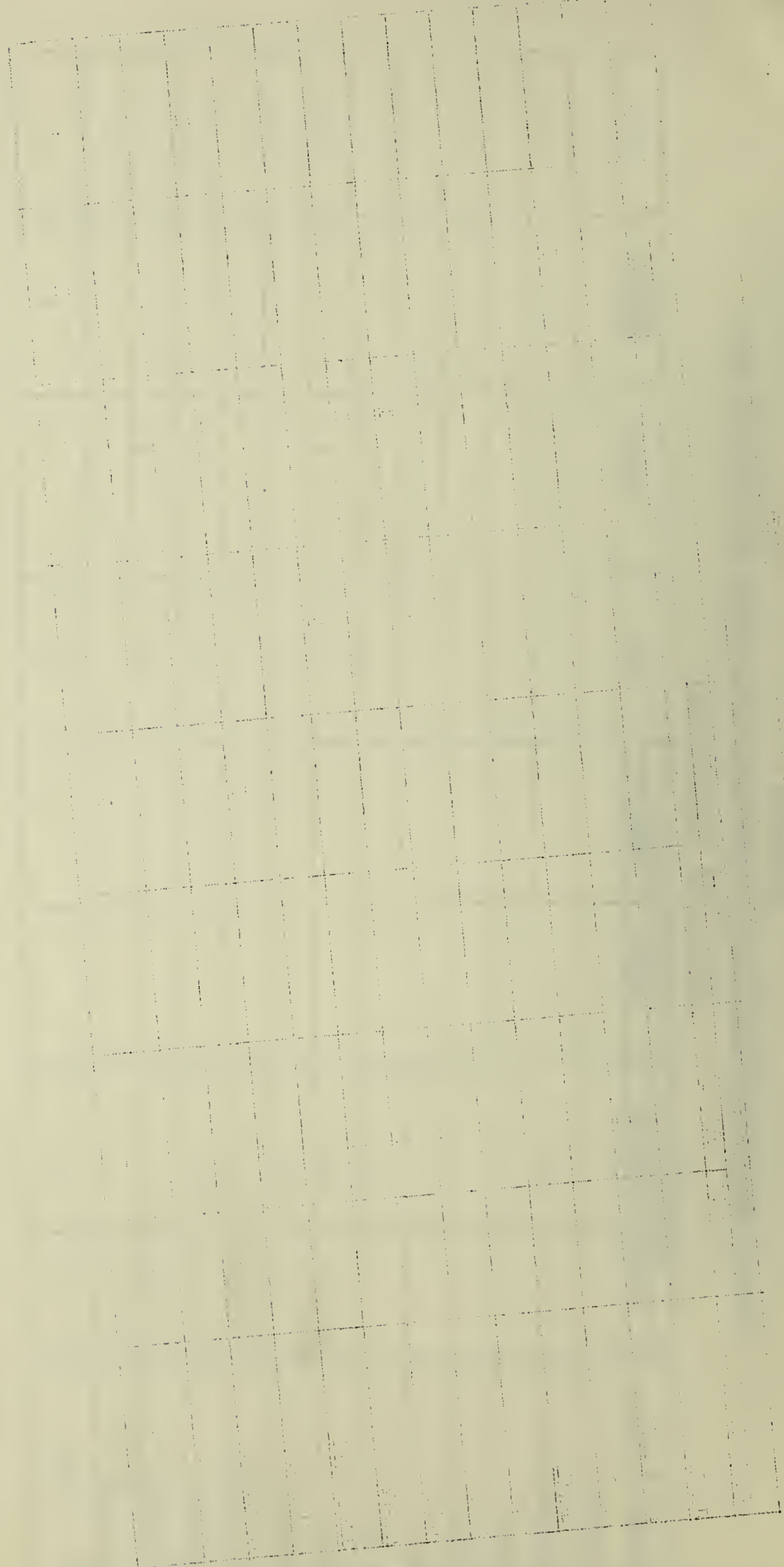
DISEASE	MALES	FEMALES	TOTAL
Tuberculosis Respiratory	3	1	4
Meningo-coecal Infections		1	1
Malignant Neoplasm Stomach		4	4
Malignant neoplasm lung, bronchus	3	2	5
Malignant neoplasm breast	-	3	3
Malignant neoplasm uterus	-	1	1
Other malignant & Lymphatic neoplasms.	2	4	6
Vascular lesions of nervous system.	14	7	21
Coronary disease angina	14	5	19
Hypertension with heart disease	7	4	11
Other heart disease.	8	11	19
Other circulatory diseases	3	3	6
Other infective & parasitic diseases	-	1	1
Pneumonia	6	-	6
Leucaemia	1	1	2
Other diseases of respiratory system	1	-	1
Diabetes	-	1	1
Bronchitis	9	1	10
Ulcer of stomach and duodenum	-	1	1
Nephritis	2	4	6
Hyperplasia of prostate	1	-	1
Congenital Malformations	-	2	2
Other defined and ill-defined diseases	5	6	11
All other accidents	4	1	5
Suicide	1	-	1
Total	84	64	148

T A B L E

SHOWING MONTHLY NOTIFICATIONS OF TUBERCULOSIS (ALL FORMS) FOR THE YEAR 1952

WITH WARD DISTRIBUTION

MONTH OF YEAR	PULMONARY		NON-PULMONARY		TOTAL	NORTH	WARDS CENTRAL	SOUTH
	MALES	FEMALES	MALES	FEMALES				
JANUARY								
FEBRUARY		1			1		1	
MARCH								
APRIL								
MAY								
JUNE		1			1	1		
JULY	2	1			3	1		2
AUGUST		1			1			1
SEPTEMBER								
OCTOBER		1		1	2	1		1
NOVEMBER	2				2	2		
DECEMBER								
TOTAL	4	5		1	10	5	1	4



INSTITUTIONS	ADMISSIONS		DISCHARGES	
	MALES	FEMALES	MALES	FEMALES.
North Wales Sanitorium				1
Cefn Mably Hospital	2	1	3	3
Talgarth	1		3	
Sully Hospital	2	2	1	
T.B. Annexe Chepstow	1		2	
Llangiryfan		1		
Energlyn Hospital		3		
TOTAL	6	7	9	4

INFANTILE MORTALITY RATE.

	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942
NUMBER OF DEATHS UNDER 1 YR.	11	5	10	12	12	16	9	12	16	9	11
NUMBER OF BIRTHS	209	179	208	205	233	240	225	203	217	219	223
MORTALITY RATE	52.6	27.9	48.07	58.5	50.1	66.6	40.0	59.1	73.7	41.1	49.3

PARTICULARS OF DEATHS OF CHILDREN UNDER 1 YEAR

<u>UNDER 1 WEEK</u>	<u>6</u>	<u>1 - 3 MONTHS</u>	<u>2</u>
<u>1 - 2 WEEKS</u>	<u>1</u>	<u>3 - 6 MONTHS</u>	<u>2</u>
<u>2 - 3 WEEKS</u>		<u>6 - 9 MONTHS</u>	
<u>3 - 4 WEEKS</u>		<u>9 - 12 MONTHS</u>	
<u>TOTAL NUMBER OF BIRTHS</u>	<u>209</u>	<u>TOTAL NUMBER OF DEATHS</u>	<u>11</u>

TOTAL UNDER
ONE YEAR 11.

MORTALITY RATE PER 1,000 BIRTHS 52.6

DISEASE		AGE GROUPS															DEATHS FROM INFECTIOUS CASES ACCORDING TO														
		ANALYSIS OF TOTAL CASES OF INFECTIOUS DISEASES																													
		According to Age Groups															Age Groups														
		Under 1 year	1 - 2 years	2 - 3 years	3 - 4 years	4 - 5 years	5 - 10 years	10 - 15 years	15 - 20 years	20 - 35 years	35 - 45 years	45 - 65 years	65 and over	TOTAL	Under 1 year	1 - 2 years	2 - 3 years	3 - 4 years	4 - 5 years	5 - 10 years	10 - 15 years	15 - 20 years	20 - 35 years	35 - 45 years	45 - 65 years	65 and over	TOTAL	Number Admitted to Hospital.			
SCARLET FEVER		9	25	28	40	69	104	2	1	2				13																	
MEASLES		1	3	1	3	-	1							280																	
WHOOPING COUGH		1	3	1	3									9																	
PNEUMONIA		1	2											8	2																
ERYSIPPELAS														3																	
PULMONARY TUBERCULOSIS									1	5	3	1		10																	
TOTALS																															

ANALYSIS OF INFECTIOUS DISEASES ACCORDING TO WARDS

AND DISTRICTS

DISEASE	WARDS			TOTAL	NANTYGLO	DISTRICTS	
	NORTH	CENTRAL	SOUTH			BLAINA	TOTAL
SCARLET FEVER	9	1	3	13	9	4	13
MEASLES	90	76	114	280	91	189	280
WHOOPING COUGH	6	3	-	9	6	3	9
PNEUMONIA	6	1	-	7	7	-	7
ERYSIPELAS	-	1	2	3	-	3	3
TOTALS	111	82	119	312	113	199	312

I must express satisfaction at the work carried out generally in the Nantyglo and Blaina Urban District Area during the period covered by these reports, and take this opportunity of thanking Members of Council, fellow officials, and my Colleagues for generous co-operation.

I am, Gentlemen,

Your obedient Servant,

J. WALTERS BOWEN.

SANITARY INSPECTORS ANNUAL REPORT.

To the Chairman and Members of the Nantyglo and Blaina Urban District Council.

Mr. Chairman & Gentlemen,

I have pleasure in presenting to you my Annual Report for the year ended December 31st, 1952.

Water Supply.

The water supply of this district is supplied by the Ebbw Vale District Council. The surface reservoir is situated at Llangynidr Mountain. The water is chlorinated and is filtered by slow sand filters.

The supply of water to some parts of the district is still not satisfactory. Each day the water has to be turned off in the lower part of the area to allow a supply to the upper part of the district.

Work has commenced on a scheme prepared by Sir Alexander Gibb and Partners. This scheme consists of renewal of most of the existing water mains and the construction of a service reservoir, and a break pressure tank. This work is now near completion.

1. (a) Number of houses supplied from public mains direct
(approximate) 3,259
- (b) By means of stand-pipes 3
11. Approximate population supplied from public mains - 11,260

14 water samples from the main supply were taken for Bacteriological examination during the year, and one for Chemical examination. All were found to be satisfactory.

SWIMMING BATH.

At present there are no publicly or privately owned swimming baths in the area.

During the summer months the ponds in the district are still used, in spite of the fact that they are dangerous and are quite unfit to be used as swimming pools.

DRAINAGE

Drainage-sewerage is on the water carriage system. The subsidiary sewers are connected up with the Western Valley (MON) Main Trunk Sewer, which discharges into the sea at low water west of the mouth of the river Usk.

PUBLIC CLEANSING

Public Cleansing and refuse collection is controlled by the Council's Engineer & Surveyor.

Refuse is deposited at the Boot Tip site, Nantyglo.

Although there is a collection of refuse three times a week, householders in the area, despite warning, still deposit their refuse on open spaces near their homes. This, in my opinion, will not be remedied until there is more co-operation between all concerned, and each householder has refuse prior to collection.

The Council during the year again spent considerable time in removing dumps of ashes which had been tipped on unauthorised sites.

INSPECTION OF MEAT AND OTHER FOODS.

Meat Inspection.

An additional Sanitary Inspector is employed by the Council on full-time meat inspection at the Brynmawr Ministry of Food Abattoir. Slaughtering at this abattoir is carried out for the Urban Areas of Brynmawr, Blaenavon, Nantyglo and Blaina, Abertillery and Abercarn.

The following table shows the number of animals slaughtered and inspected and the amount of meat and offal condemned.

The following were among the names of persons
identified and inspected and the amount of the
contribution. The names of the persons who
contributed are listed in the following table.

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CARCASES INSPECTED AND CONDEMNED

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	2281	673	801	18944	1120
Number inspected	2281	673	801	18944	1120
All diseased except T.B. Whole carcasses condemned	-	2 -	1 -	21 -	4 -
Carcasses of which some part or organ was condemned	366	288	4	761	30
Percentage of the number inspected affected with disease other than Tuberculosis	16.0	44.6	0.6	4.1	3.0
Tuberculosis only: Whole carcasses condemned	5	4	-	-	1
Carcasses of which some part or organ was condemned.	204	148	-	-	57
Percentage of the number inspected affected with Tuberculosis	9.2	22.6	-	-	5.4

H O U S I N G.

1. Inspection of Dwelling Houses during the year:		
(1)	(a) Total number of dwelling houses inspected for housing defects (under Public Health and Housing Act 1936)	214
	(b) Number of inspections made for the purpose.	428
(2)	(a) Number of dwelling houses included under (1) above which were inspected and recorded under the Housing Consolidated Regulations, 1925-1932.	17
	(b) Number of inspections made for the purpose.	30
(3)	Number of dwellings found to be in a state so dangerous or injurious to health as to be unfit for habitation.	11
(4)	Number of dwelling houses exclusive of those referred to under preceding sub-head found not to be in all respects reasonably fit for human habitation	
11. Remedy of defects during the year without service of formal notices.		
	Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers.	10
111. Action under the Statutory Powers during the year:		
	(a) Proceedings under Sections 9, 10, 11, 12 and 16 of the Housing Act 1936.	
	(1) Number of dwelling houses in respect of which notices were served requiring repairs.	
	(2) Number of Closing Orders served	3
	Number of Demolition Orders served.	1
	(3) Number of dwelling houses which were rendered fit after service of formal notice:	
	(a) By Owners	Nil
	(b) By Local Authority	Nil
	(b) Proceedings under Public Health Acts:	
	(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied.	21
	(2) Number of dwelling houses in which defects were remedied after service of formal notice:	
	(a) By owners	11
	(b) By the Authority in default of Owner.	Nil

H O U S I N G

<u>Temporary</u>			<u>Permanent</u>
Number Dec. 31st 1951	1952		
50	49		492
			48
			Nil
			21
			Nil
			Nil
		27	
		\$5,908	
Act, 1949-52 (Inclusive)			Nil
" "	" "		Nil
" "	" "		39
" "	" "		\$9,508

SHOPS ACT 1950.

No action has been found necessary during the year under provisions of the Shops Act 1950.

A part-time Shops Inspector officiates in the area.

MARINE STORES.

There are five registered Marine Stores in the district. These are inspected periodically.

RAG FLOCK AND OTHER FILLING MATERIALS ACT 1951

The above regulations came into force on the 1st November, 1951.

No rag flock is made or sold in this area.

FACTORIES ACT 1937 and 1948

Number of Factories on Register December 1951 - 19

Number of Inspections - 46

WRITTEN NOTICES

(1) Want of cleanliness - 3

(2) Insufficient sanitary conveniences - Nil

RODENT CONTROL

(Prevention of Damage by Pests Act 1949)

There is a full-time Rodent Officer employed in the Sanitary Inspector's Department. The table on the following page shows the work on rodent control carried out during the year.

PREVENTION OF DAMAGE BY PESTS ACT, 1949
REPORT FOR YEAR ENDED 31st DECEMBER, 1952.

	Type of Property				Total
	Local Auth- ority.	Dwell- ing Houses.	Agri- cult- ural.	All other including Business and Industrial	
1. Total number of properties in Local Authority's District (Notes 1 and 2).	12	3196	16	138	3,362
2. Number of properties inspected by the Local Authority during 1951 as a result (a) of notification or (b) otherwise (notes 1,2 and 3).	(a) -	25	-	8	33
	(b) 12	839	16	88	955
3. Number of properties (under II) found to be seriously infested by rats (notes 1, 2 and 3)	Major--	-	-	-	-
	Minor1	54	-	5	60
4. Number of properties (under II) found to be seriously infested by mice (Notes 1, 2 and 3)	-	63	-	2	65
5. Number of infested properties (under III and IV) treated by the Local Authority (Notes 1, 2 and 3).	1	117	-	7	125
6. Number of notices served under Section 4:-					
(1) Treatment	-	-	-	-	-
(2) Structural Works (i.e. Proofing)	-	-	-	1	1
7. Number of cases in which default action was taken by Local Authority following issue of notice under Section 4.	-	-	-	-	-
8. Legal Proceedings (see overleaf)	-	-	-	-	-
9. Number of "Block" control schemes carried out2.....				

MILK SUPPLY

MILK AND DAIRIES REGULATIONS 1949.

(a) Number of persons registered as milk distributors	8
(b) Number of dealers' issued authorising the use of special designation, "Pasteurised"	8
(c) Number of dealers' licences issued authorising the use of special designation, "Pasteurised" (Tuberculin Tested)	7

All milk sold in the area is imported into the district by means of road and rail transport, and is distributed in bottles.

The following milk samples were taken during the year:

	Pasteurised (Tuberculin Tested) and Pasteurised.	Total
No. of samples taken	17	17
Satisfactory	15	15
Unsatisfactory	2	2

ICE CREAM (HEAT TREATMENT)

REGULATIONS 1947

There are in this area Twenty premises registered for the sale or manufacture of Ice Cream.

They are as follows:

1. Manufacture and sale:

Heat Treatment	1
Complete cold mix	1

2. Premises registered for the

Sale of Ice Cream 18

Total	<u>20</u>
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With the exception of the two local manufacturers, all Ice Cream is imported into the district, and is pre-packed.

During the year 24 samples were taken; the results were as follows:

Number of Samples taken	Grade 1	Grade 2	Grade 3	Grade 4
12	7	4	1	-

1. The first part of the paper

is devoted to a general discussion of the

principles of the method

and its application to the

study of the properties of the

function $f(x)$

and its derivatives

and the results of the

investigation

are given in the

concluding section

of the paper

and the

author's

acknowledgments

are given in the

appendix

of the paper

and the

author's

conclusions

are given in the

concluding

section

of the paper

and the

author's

acknowledgments

are given in the

appendix

of the paper

and the

author's

conclusions

are given in the

SLAUGHTER OF ANIMALS ACT 1933.

At present there are five persons in the district housing slaughtering Licences under the above act.

Other foods condemned included the following:-

12 tins Jellied Veal; 3 tins Jellied Pork; 20 tins Milk;
1 tin Pinecrush; 1 tin Lobster; 12 tins Orange Juice;
6 tins Raspberries; 3 tins Crab; 7 tins Cooked Ham;
7 tins Processed Cheese; 73 oz. Boxes Cheese; 13 Bottles
Peaches; 434 tins Tomatoes; 8 tins Spaghetti; 2 tins
Brawn; 47 tins Peas; 3 Jars Marmalade; 15 tins Plums;
2 tins Shrimps; 3 tins Peas; 3 boxes Shredded Wheat;
7 stone Kippers; 3 stone Hake; 64 lbs. Butter; 45 lbs.
Lard; 2 cwt Sugar; 10½ lbs. Cheese; 10 Beans ;
11 lbs. Wafer Biscuits; 120 tins Luncheon Meat;
17 tins Stewed Steak; 24 lbs. Sausage; 12 tins Ox Tongue;
2 tins Lambs Tongue; 72 tins Damsons; 26 tins Greengages;
15 tins Mixed Fruit; 39 tins Cherries; 1 tin Grapefruit
50 tins Sliced Apples; 1 tin Jam; 1 Pork Brawn; 1 tin
Blackcurrants; 24 Bottles sauce; 14 tins Salmon; 37 tins
Danish Pork; 6 tins Soup; 3 tins Strawberries; 12 lb.
tin Liquid Egg; 1 tin Herrings;

INSPECTION AND SUPERVISION OF

FOOD PREMISES AND LICENCED PREMISES.

Periodic visits are paid to Fried Fish Shops, Bakehouses, Butchers shops, Food Preparing premises, Licenced premises and Provision Stores.

In concluding this report, I would like to thank all members of the staff for their valuable assistance and co-operation throught the year.

I am,
Mr. Chairman & Gentlemen,

F. D. COLLIER.

Senior Sanitary Inspector.

01.02 1900 E. : 1000 10